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GPT-4 is OpenAI's most advanced system, producing safer and more useful responses

[Try on ChatGPT Plus](#)[View GPT-4 research](#)[Play video](#)

GPT-4 can solve difficult problems with greater accuracy, thanks to its broader general knowledge and problem solving abilities.

Creativity Visual input Longer context

GPT-4 is more creative and collaborative than ever before. It can generate, edit, and iterate with users on creative and technical writing tasks, such as composing songs, writing screenplays, or learning a user's writing style.

Input

Explain the plot of Cinderella in a sentence where each word has to begin with the next letter in the alphabet from A to Z, without repeating any letters.

Output

A beautiful Cinderella, dwelling ea

GPT-4 surpasses ChatGPT in its advanced reasoning capabilities.

ChatGPT

Input

Andrew is free from 11 am to 3 pm, Joanne is free from noon to 2 pm and then 3:30 pm to 5 pm. Hannah is available at noon for half an hour, and then 4 pm to 6 pm. What are some

Output

Here is a list of their avail

GPT-4

Input

Andrew is free from 11 am to 3 pm, Joanne is free from noon to 2 pm and then 3:30 pm to 5 pm. Hannah is available at noon for half an hour, and then 4 pm to 6 pm. What are some options for start times for a 30 minute meeting for Andrew, Hannah, and Joanne?

Output

Andrew: 11 am - 3 pm

Joanne: [REDACTED]

GPT-4 outperforms ChatGPT by scoring in higher approximate percentiles among test-takers.

Uniform Bar Exam

10th

ChatGPT

90th

GPT-4

31st

ChatGPT

99th

GPT-4 (with vision)

Following the research path from GPT, GPT-2, and GPT-3, our deep learning approach leverages more data and more computation to create increasingly sophisticated and capable language models.



We spent 6 months making GPT-4 safer and more aligned. GPT-4 is 82% less likely to respond to requests for disallowed content and 40% more likely to produce factual responses than GPT-3.5 on our internal evaluations.

Training with human feedback

We incorporated more human feedback, including feedback submitted by ChatGPT users, to improve GPT-4's behavior. We also worked with over 50 experts for early feedback in domains including AI safety and security.

Continuous improvement from real-world use

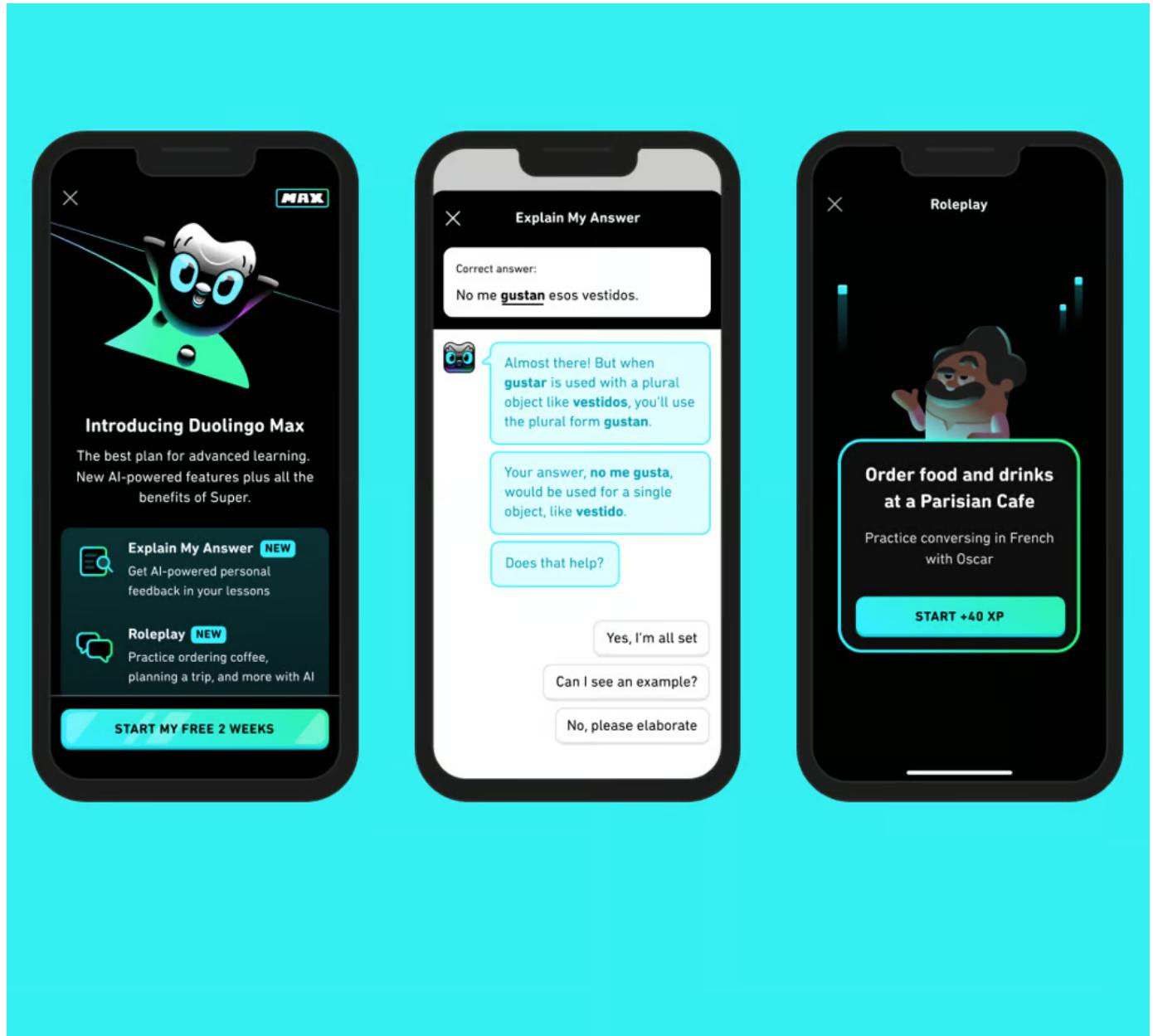
We've applied lessons from real-world use of our previous models into GPT-4's safety research and monitoring system. Like ChatGPT, we'll be updating and improving GPT-4 at a regular cadence as more people use it.

GPT-4-assisted safety research

GPT-4's advanced reasoning and instruction-following capabilities expedited our safety work. We used GPT-4 to help create training data for model fine-tuning and iterate on classifiers across training, evaluations, and monitoring.

Built with GPT-4

We've collaborated with organizations building innovative products with GPT-4.



Duolingo

GPT-4 deepens the conversation on Duolingo.



Be My Eyes

Be My Eyes uses GPT-4 to transform visual accessibility.

The screenshot shows the Stripe Docs homepage. At the top, there's a search bar with the placeholder "Ask a question or search the docs...". Below the search bar, the "RECENTLY VIEWED" section lists "Accepting online payments" and "Subscriptions". The "API KEYS" section shows a publishable key (pk_abc_123_...) and a secret key (sk_xyz_123_...). A "Test cards" section displays a sample card with the number 4242 4242 4242 4242.

Stripe Docs

Explore our guides and examples to integrate Stripe.

[Get started with payments](#) > [Explore all products](#)

No-code

- Sell and get paid online
- Invoice clients and customers
- Set up recurring payments

Stripe hosted

- Create a hosted invoice page
- Set up the customer portal
- Create a pricing table

For developers

- API reference
- Stripe.js reference
- Set up the CLI

Test the Stripe API

Start a payment

Open an invoice

Onboard platform account

Generate a payment link [No code](#)

Create a subscription [No code](#)

```
$ stripe payment_intents create --amount 1099 --currency "usd"
```

Browse by product

DIRECT PAYMENTS

Payments
Online payments

FINANCIAL SERVICES

Capital
Business financing

BUSINESS OPERATIONS

Radar
Fraud & risk management

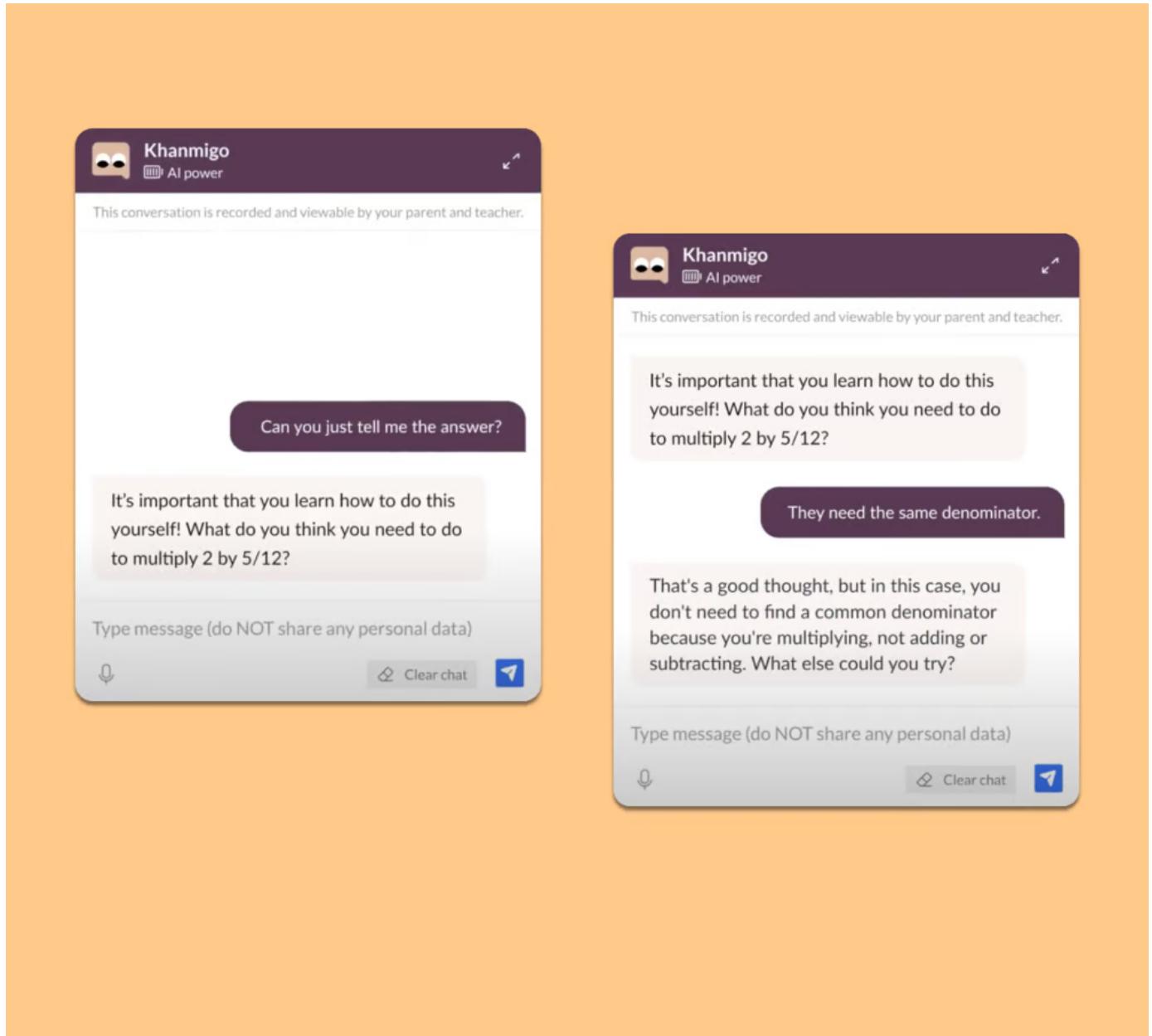
Stripe

Stripe leverages GPT-4 to streamline user experience and combat fraud.



Morgan Stanley

Morgan Stanley wealth management deploys GPT-4 to organize its vast knowledge base.



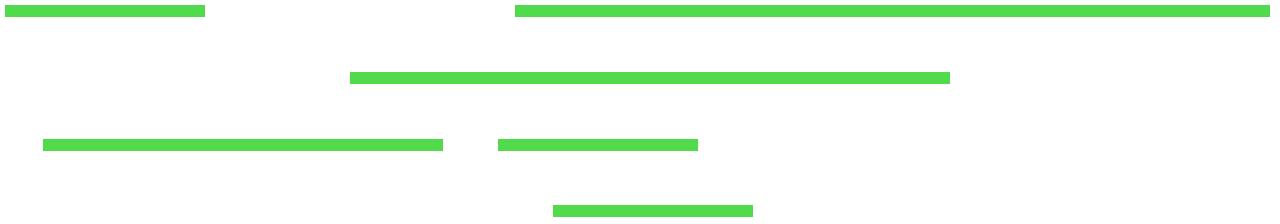
Khan Academy

Khan Academy explores the potential for GPT-4 in a limited pilot program.



Government of Iceland

How Iceland is using GPT-4 to preserve its language.



More on GPT-4

Research

GPT-4 is the latest milestone in OpenAI's effort in scaling up deep learning.

[View GPT-4 research](#)

Infrastructure

GPT-4 was trained on Microsoft Azure AI supercomputers. Azure's AI-optimized infrastructure also allows us to deliver GPT-4 to users around the world.

Limitations

GPT-4 still has many known limitations that we are working to address, such as social biases, hallucinations, and adversarial prompts. We encourage and facilitate transparency, user education, and wider AI literacy as society adopts these models. We also aim to expand the avenues of input people have in shaping our models.

Availability

GPT-4 is available on ChatGPT Plus and as an API for developers to build applications and services.

We're excited to see how people use GPT-4 as we work towards developing technologies that empower everyone.

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